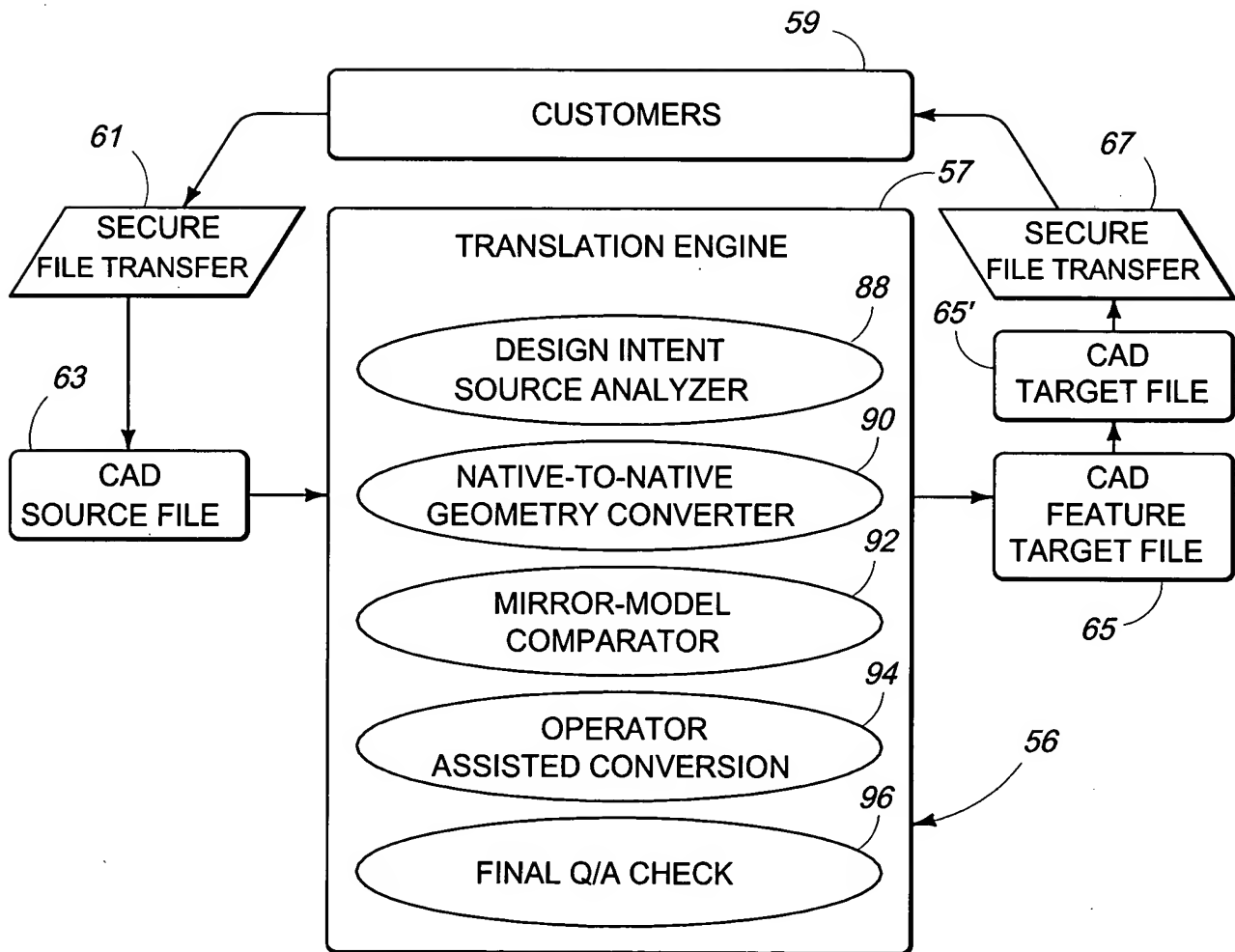
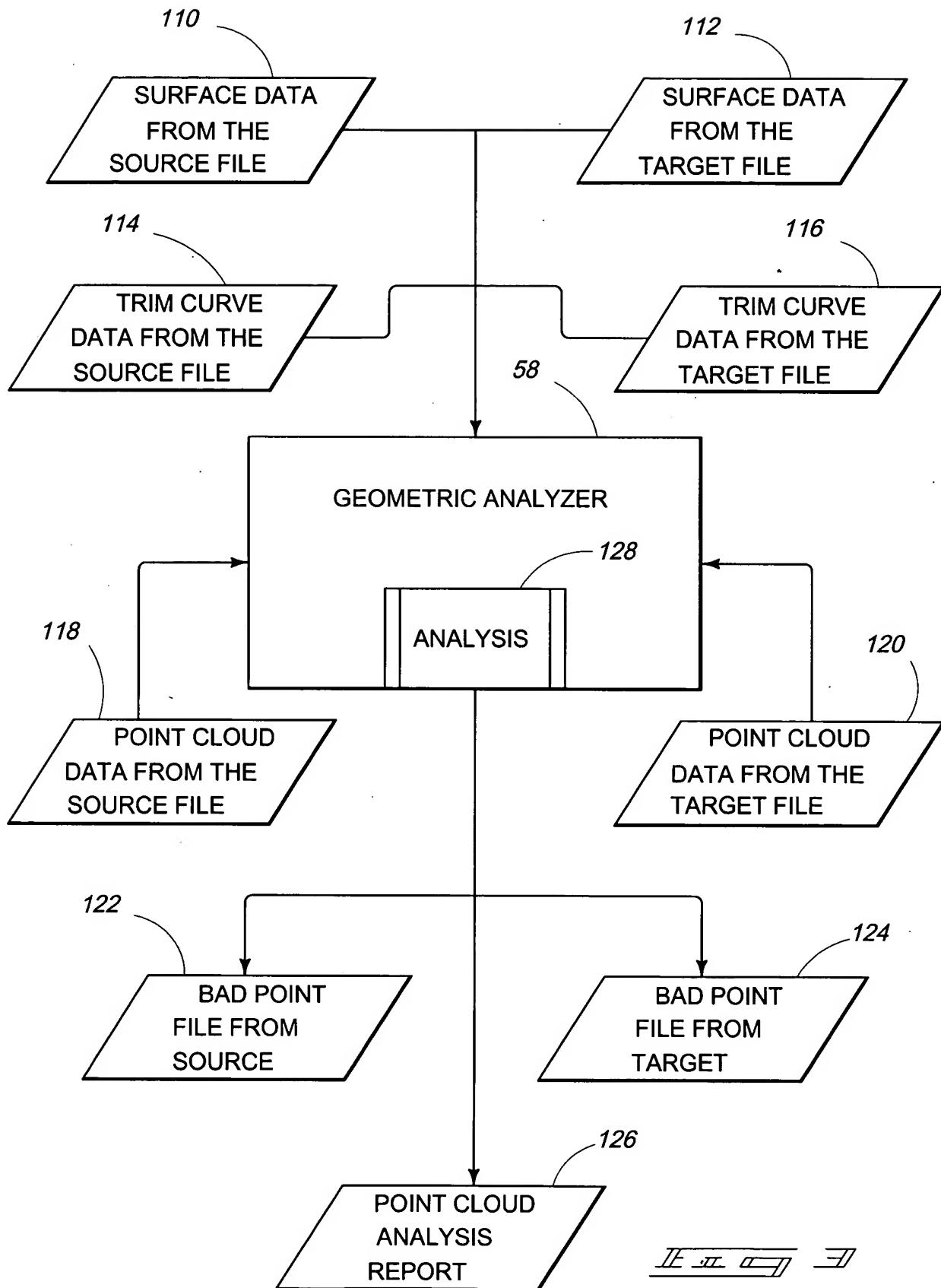


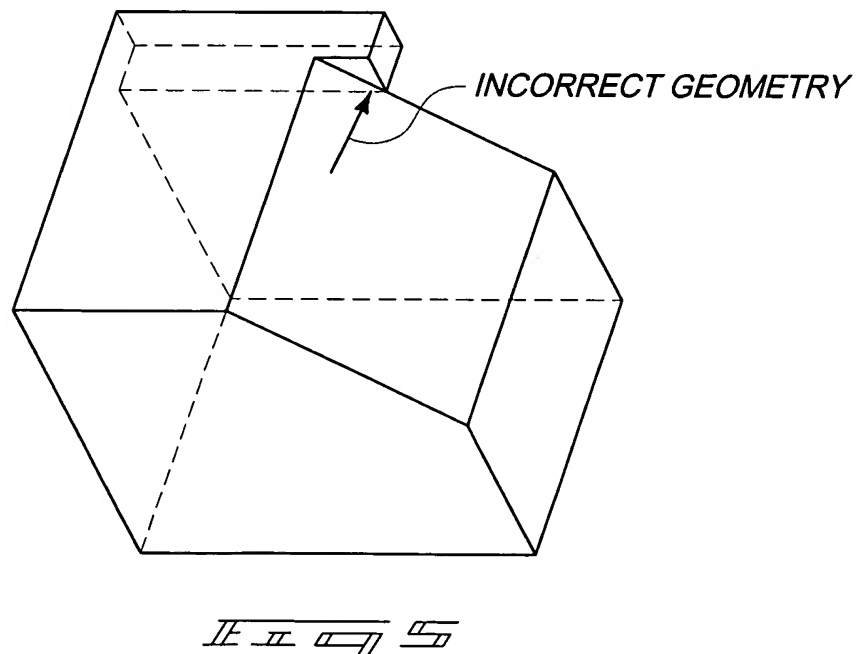
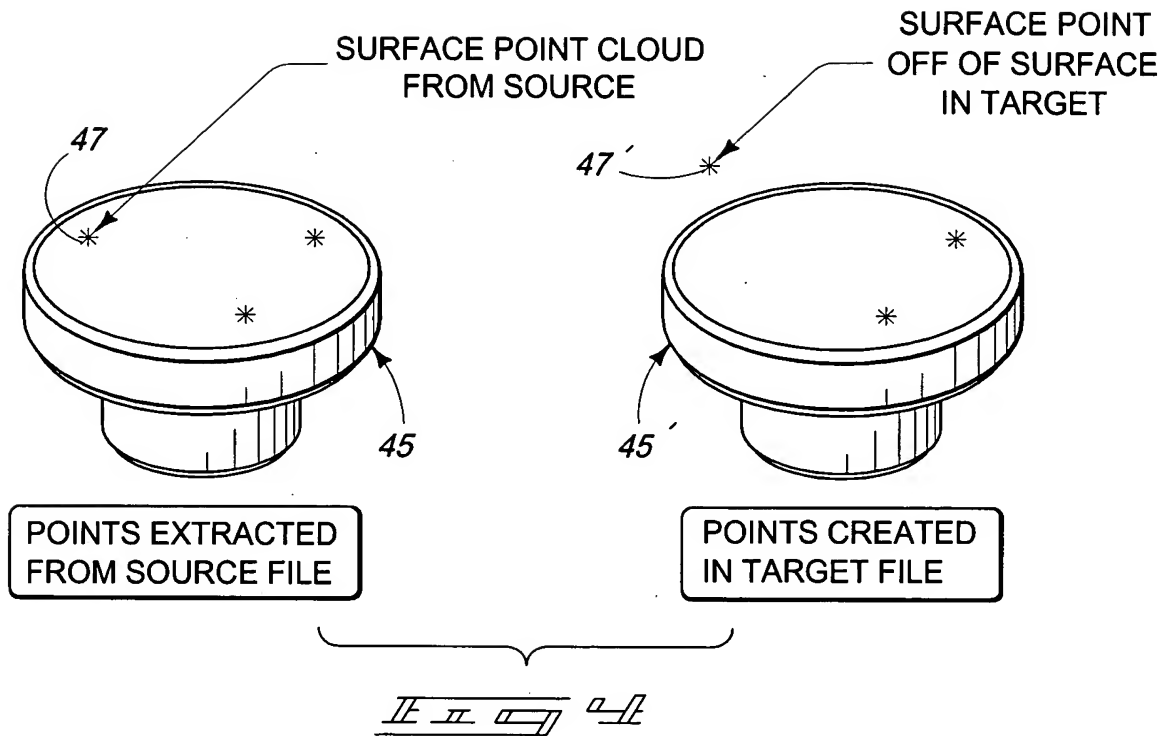
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II II II II

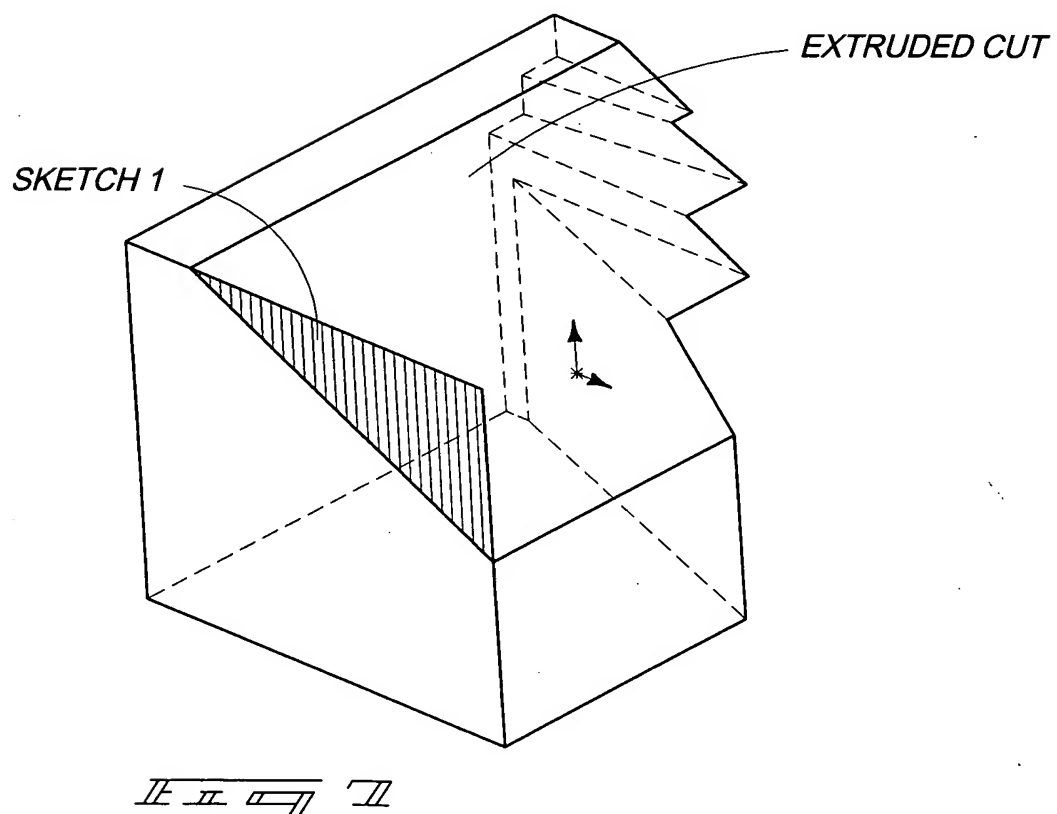
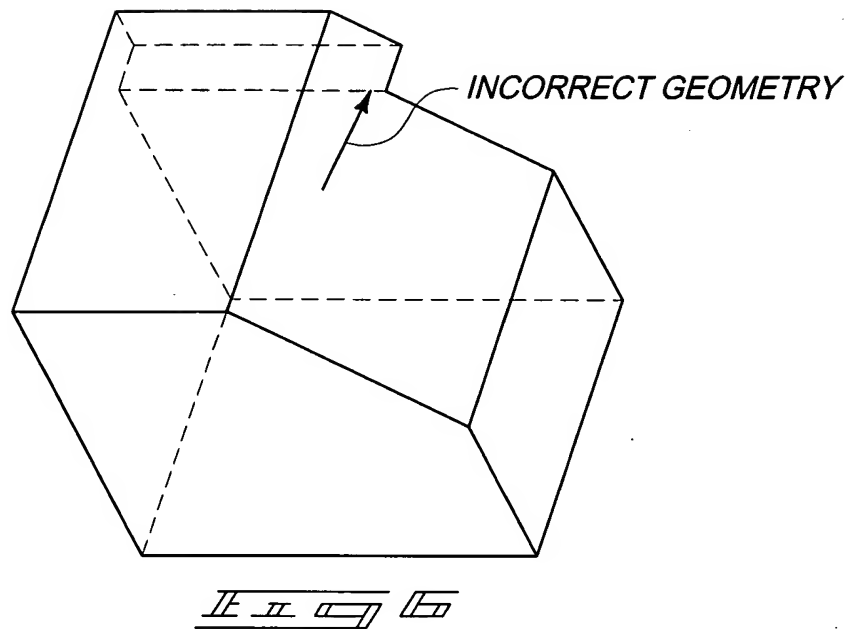
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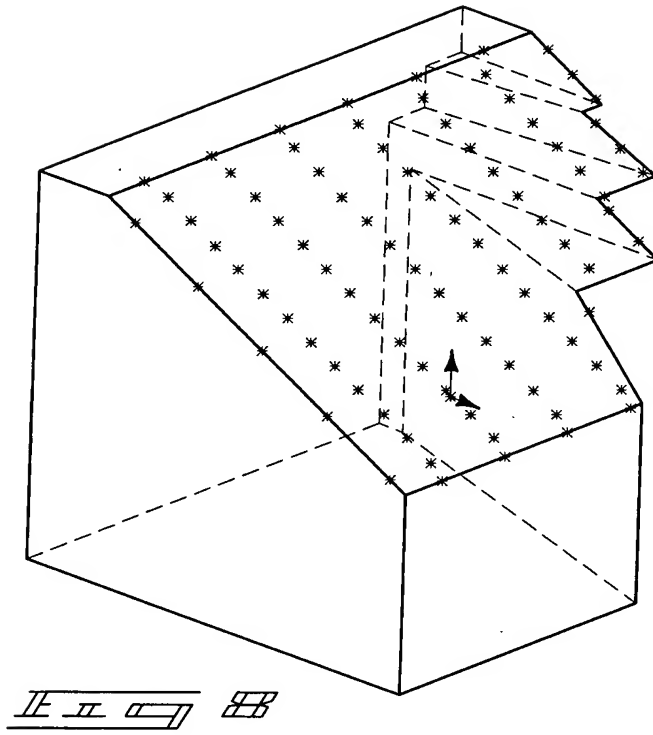
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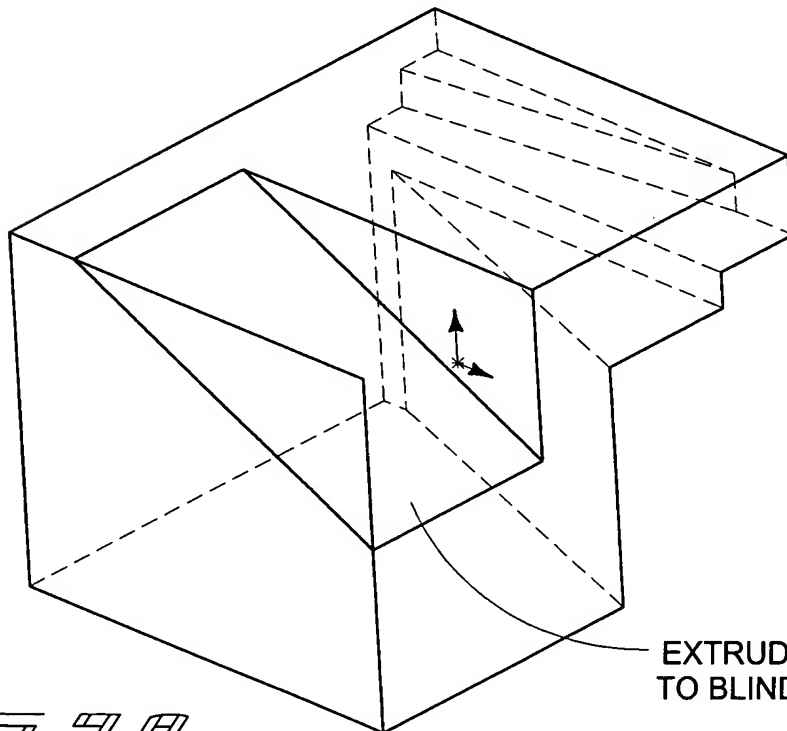
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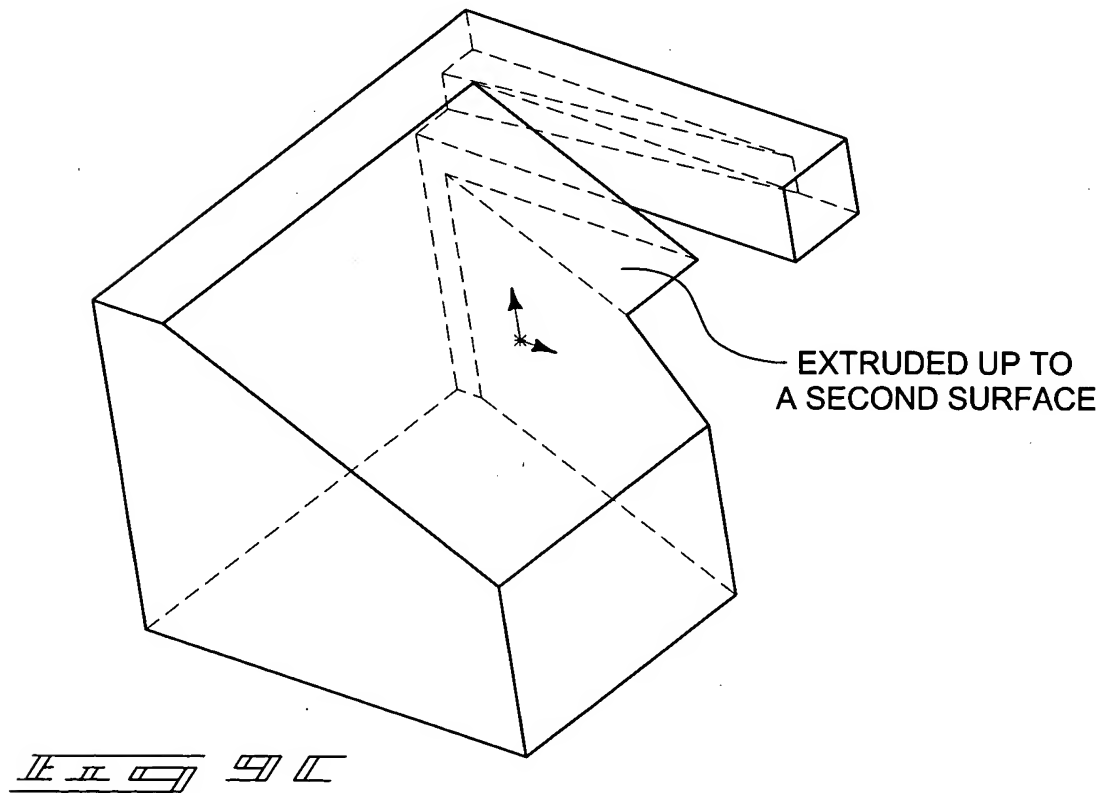
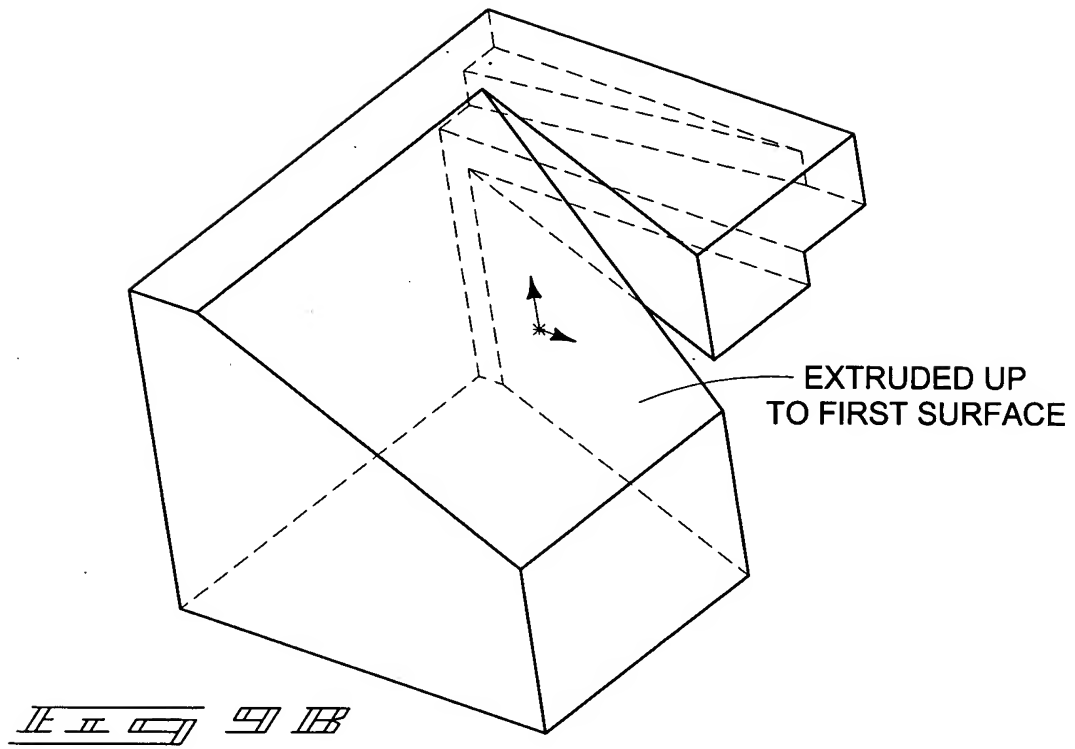


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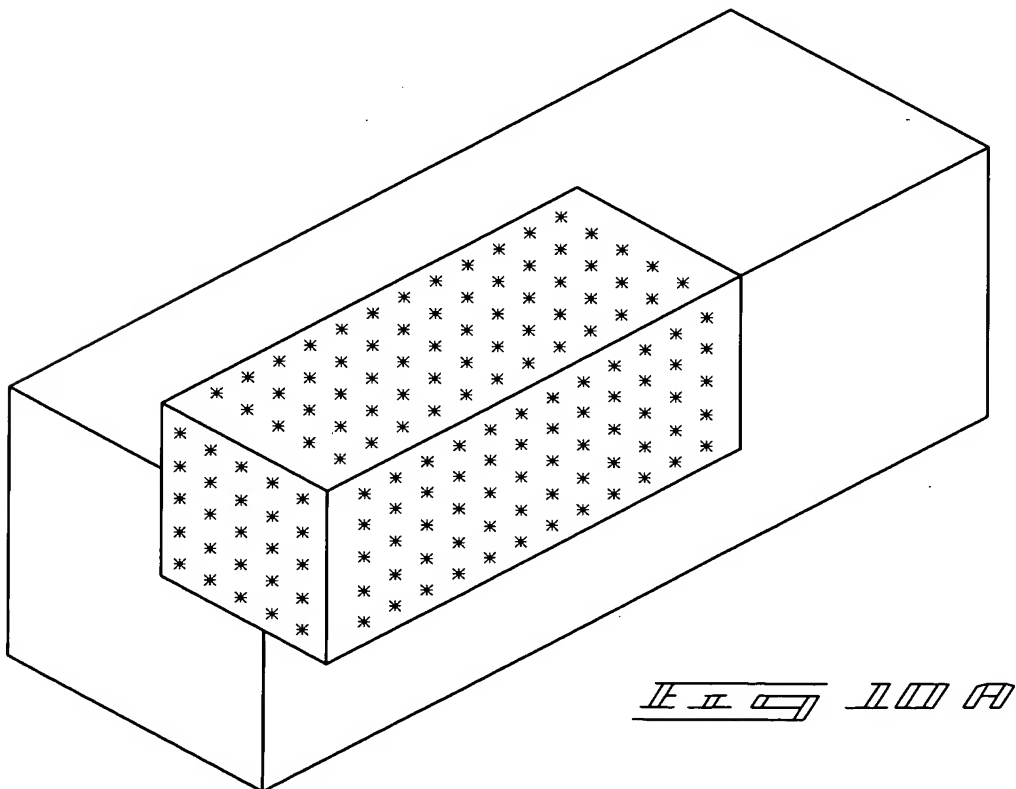
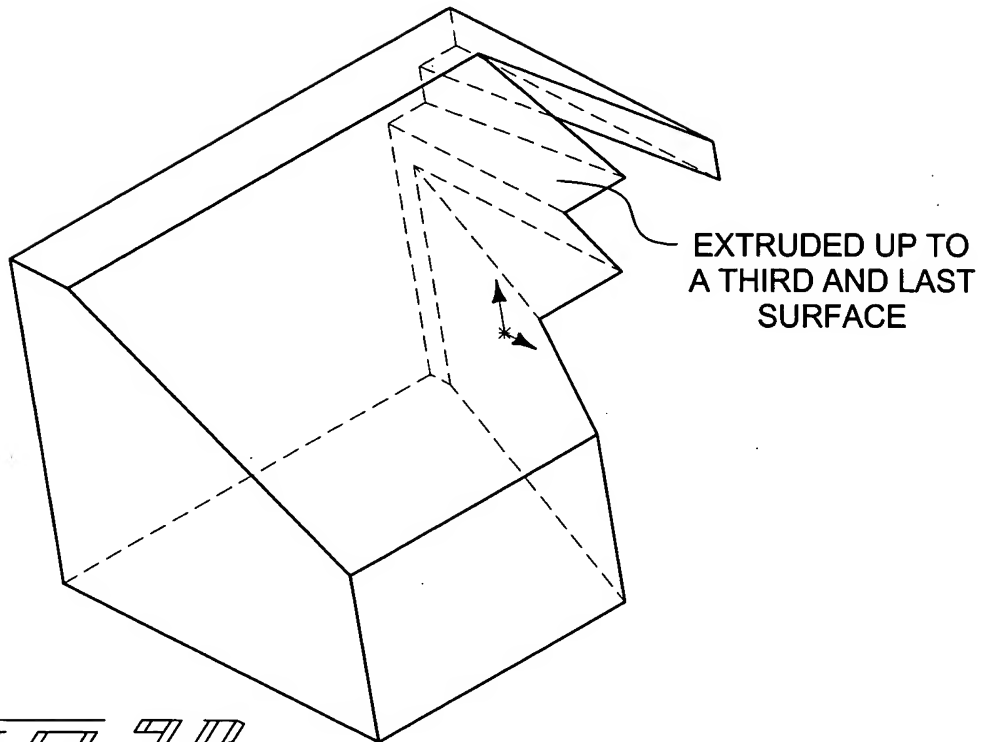


II II II II

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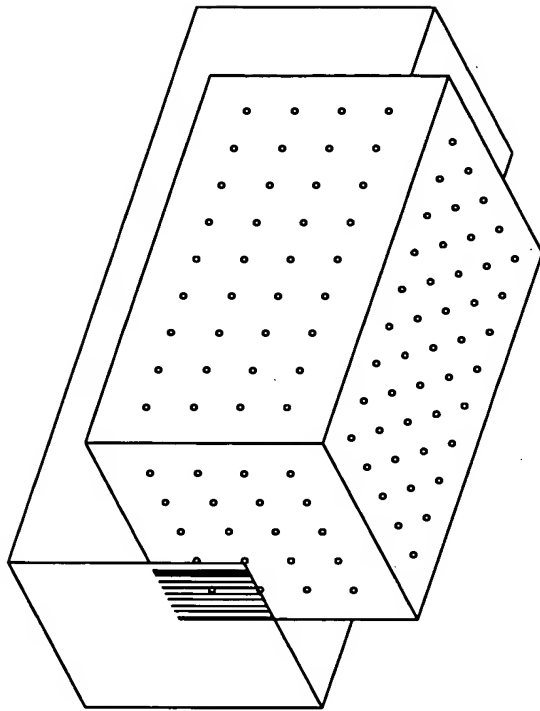
8/17



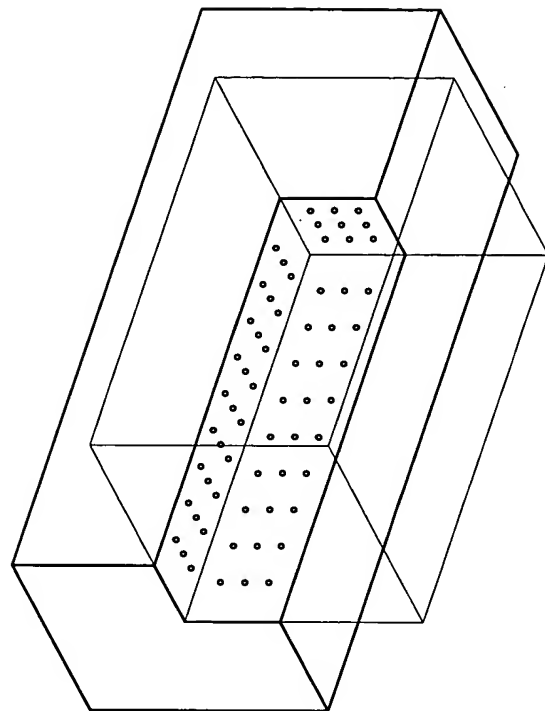




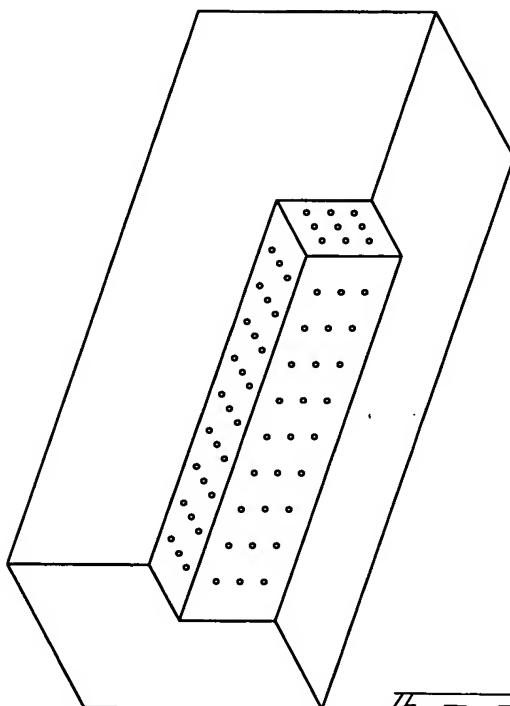
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II II III A



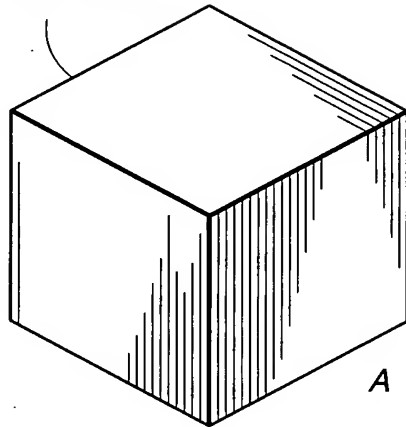
II II III B



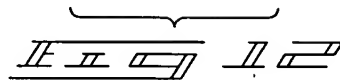
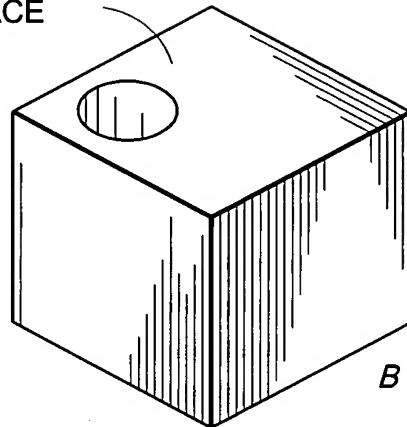
II II III C

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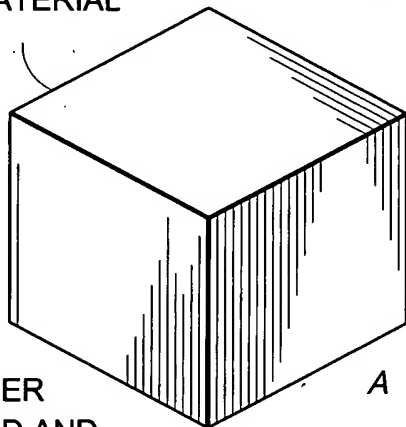
SOLID  
BASE MATERIAL



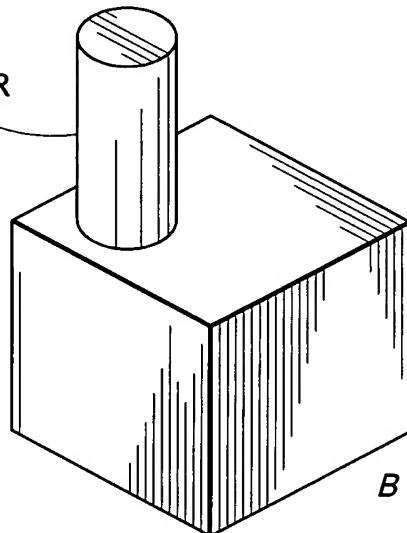
HOLE INSERTED  
ON THIS FACE



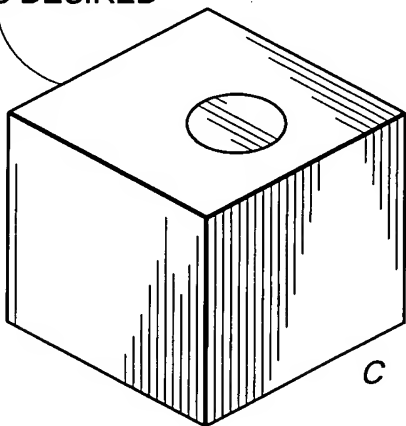
SOLID  
BASE MATERIAL



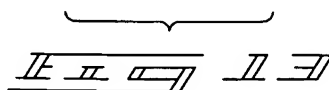
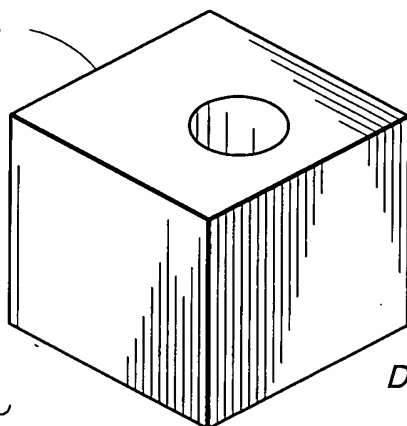
SOLID CYLINDER  
CREATED



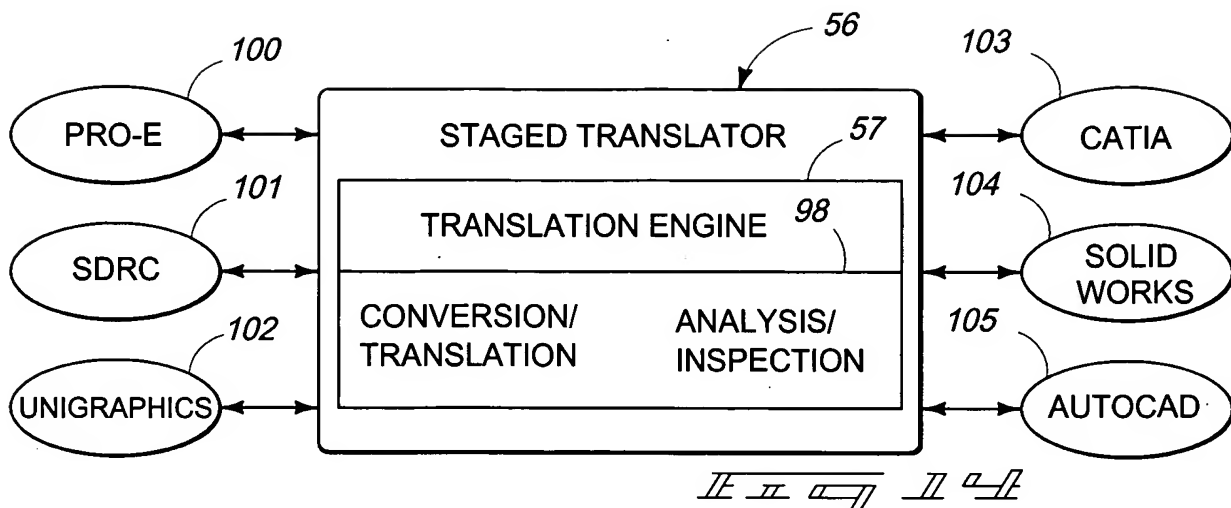
CYLINDER  
IS LOCATED AND  
ORIENTED AS DESIRED



CYLINDER SUBTRACTED  
FROM BASE

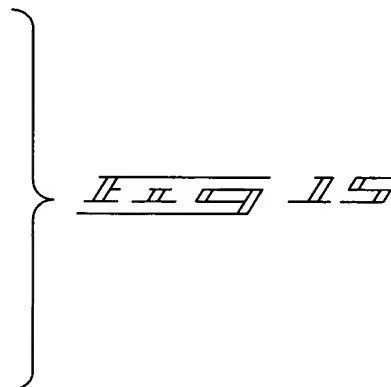


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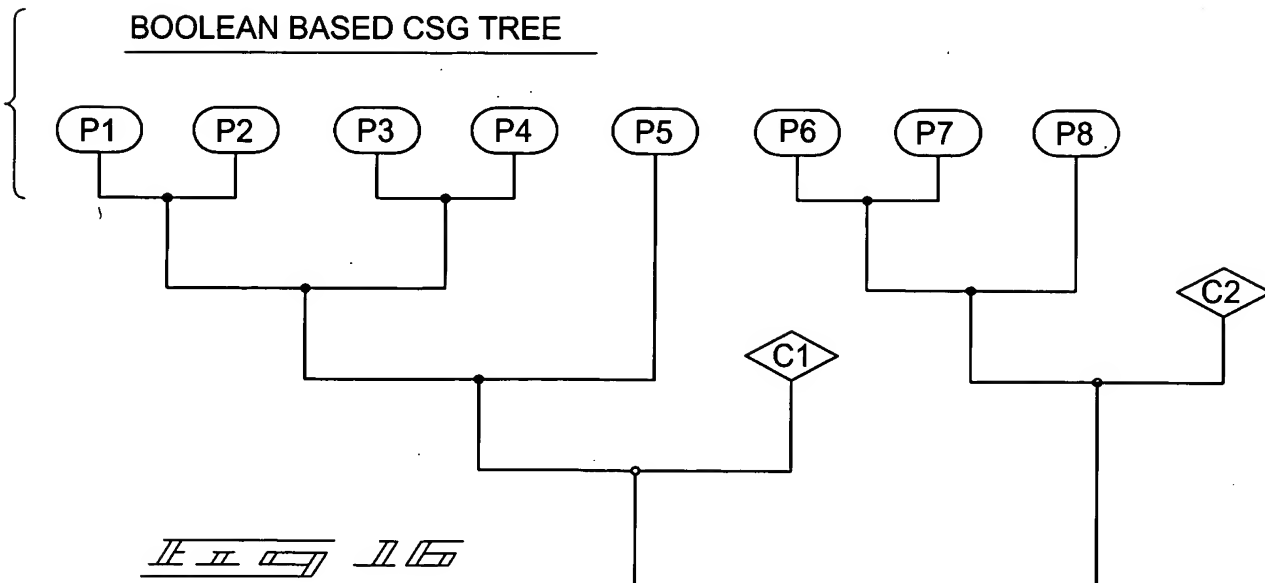


### FEATURE BASED TREE

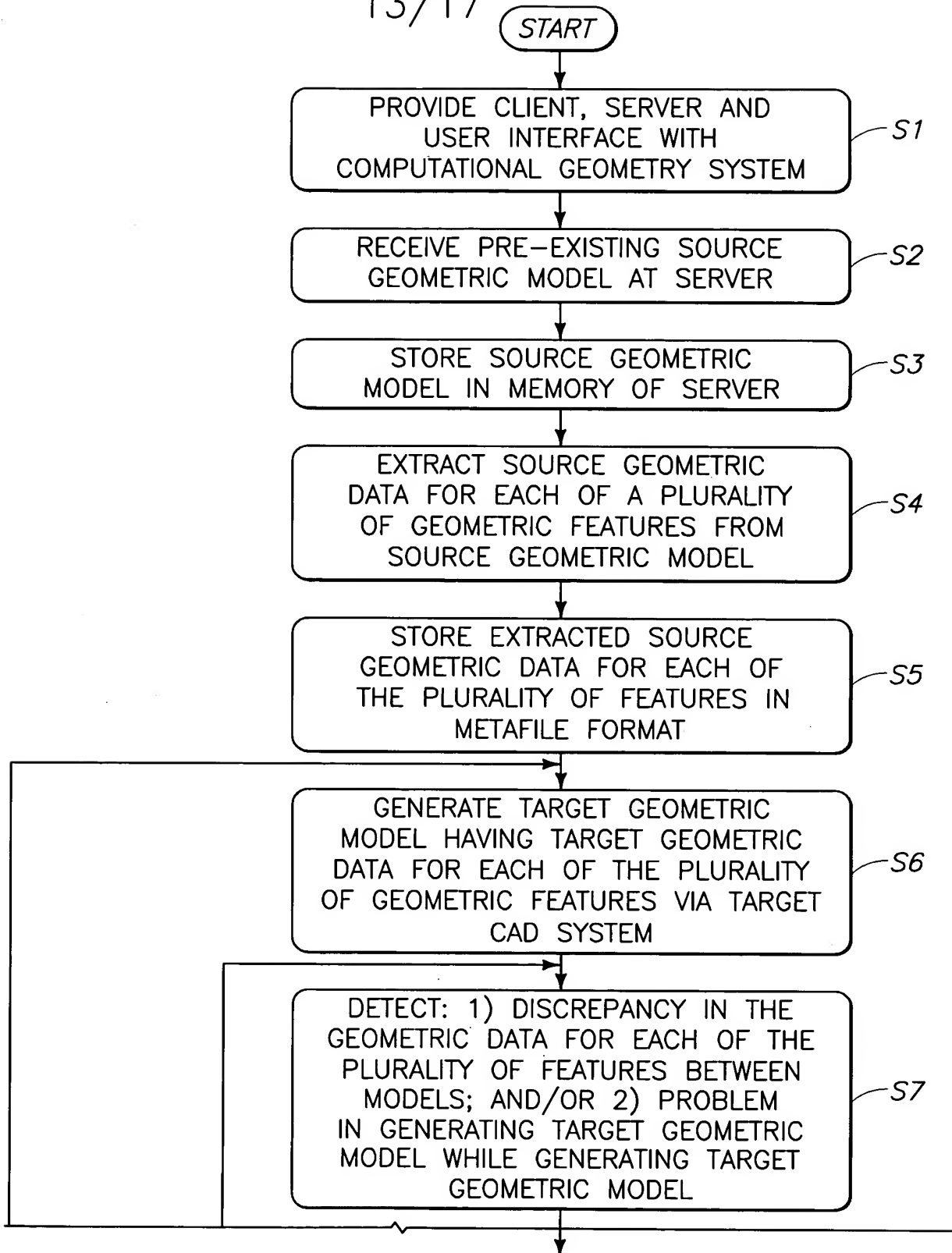
P<sub>1</sub>  
P<sub>2</sub>  
P<sub>3</sub>  
P<sub>4</sub>  
P<sub>5</sub>  
C<sub>1</sub>  
P<sub>6</sub>  
P<sub>7</sub>  
P<sub>8</sub>  
C<sub>2</sub>



### BOOLEAN BASED CSG TREE

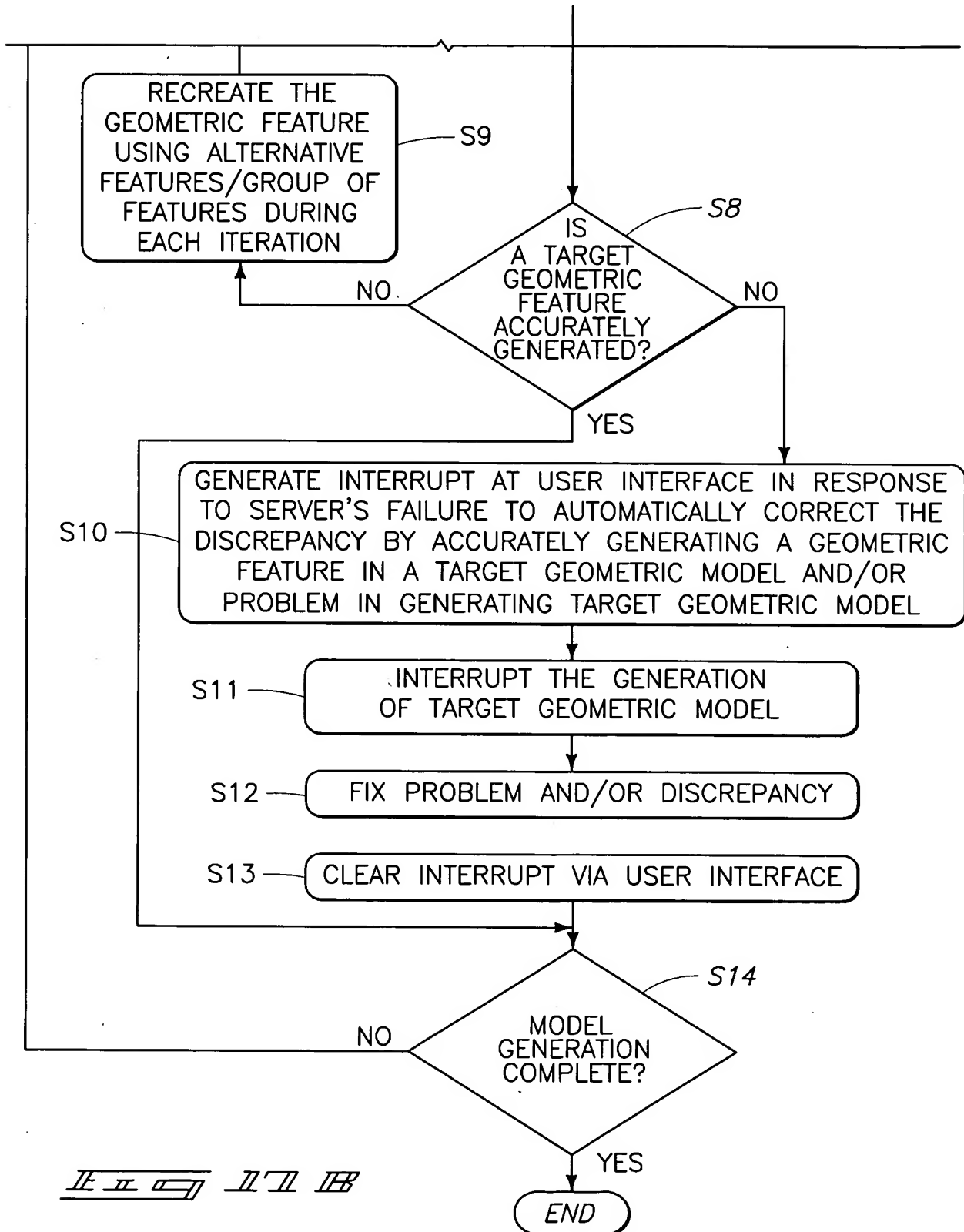


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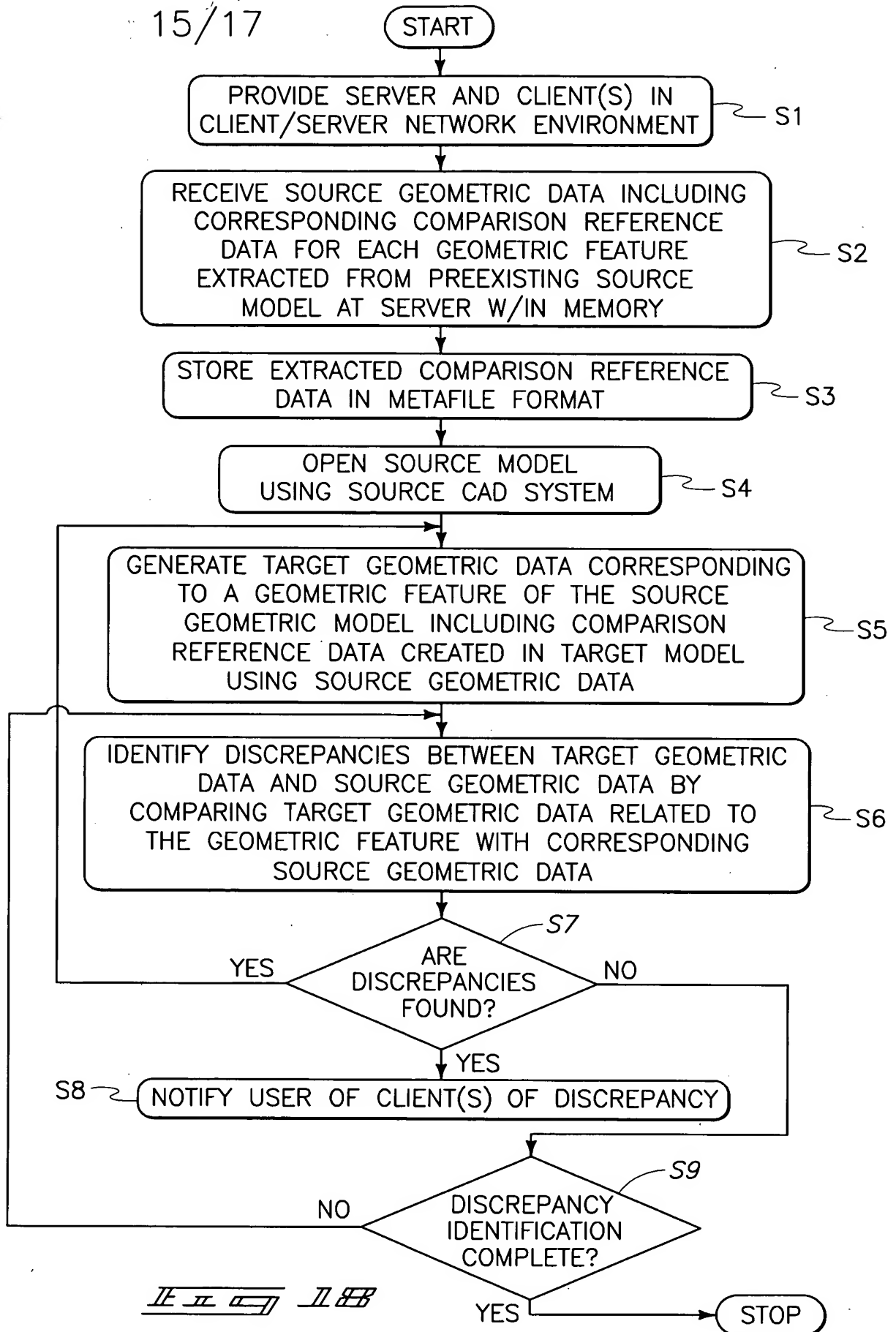


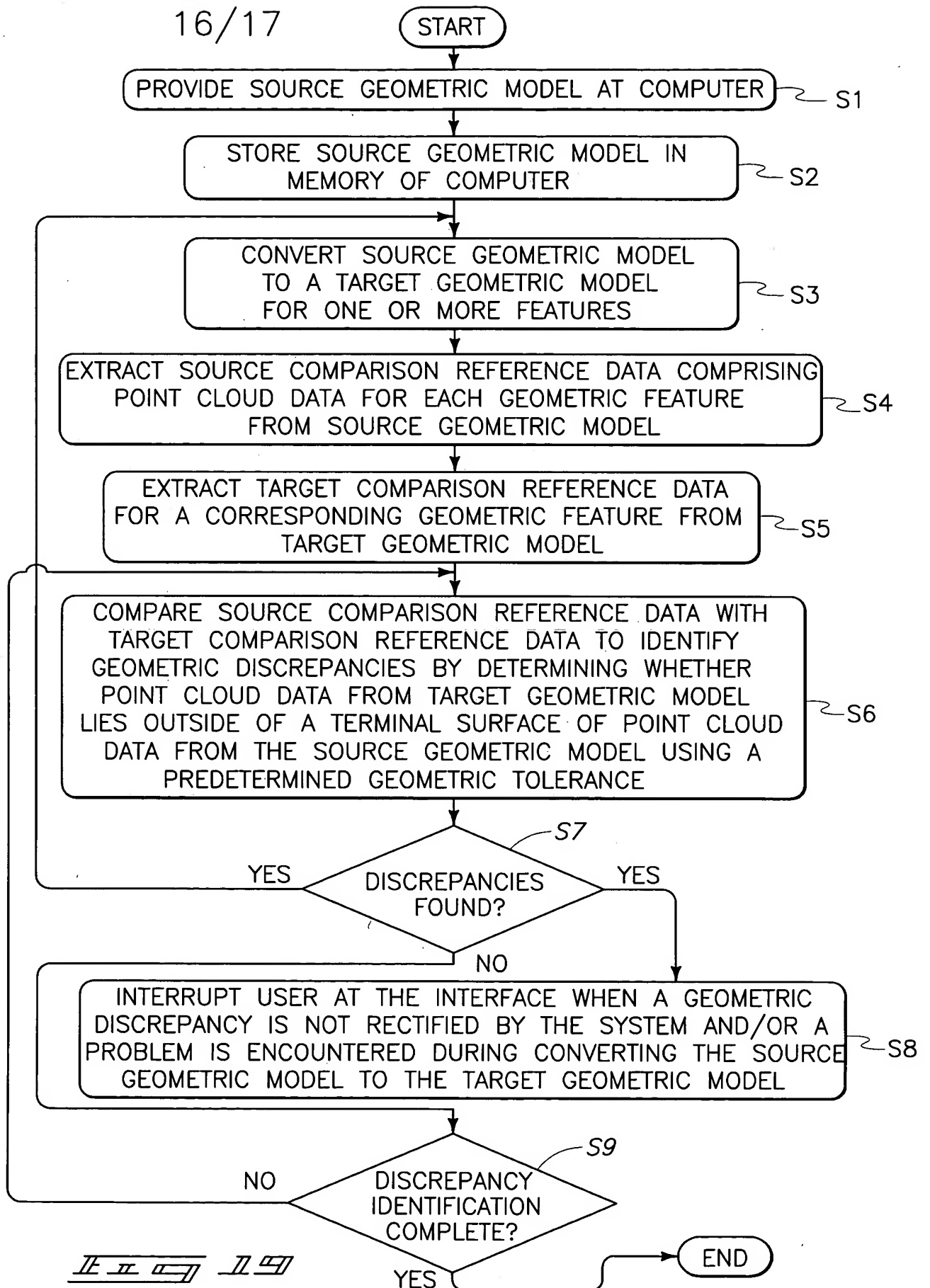
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FROM FIG 17A



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